

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

July 2, 2008

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

Jim Badowich, Avondale	Gordon Haws, Mesa
* Steven Borst, Buckeye	Jesse Gonzalez, Peoria
* Warren White, Chandler	Jeff Van Skike, Phoenix (St. Trans.)
Dennis Teller, El Mirage	Larry Smith, Phoenix (Water)
* Kelli Kurtz, Gilbert	Mark Palichuk, Queen Creek
Tom Kaczmarowski, Glendale	* Rodney Ramos, Scottsdale
Gary Jipner for Troy Tobiasson, Goodyear	Loren Kelley, Surprise
Bob Herz, MCDOT	James Bond, Tempe

ADVISORY MEMBERS

John Ashley, ACA	* Adrian Green, ARPA
Jeff Benedict, AGC	Paul R. Nebeker, Independent
Brian Gallimore, AGC	* William Ast, NUCA
Peter Kandarisi, SRP, Vice Chairman	* Dale Phelan, NUCA
James Carusone, ARPA	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

Dennis Shoffner, StrongGo, LLC (Tekway Dome Tiles)
Doug Berg, Contech Construction Products, Inc.

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:36 p.m.

2. Approval of Minutes

The members reviewed the June 4, 2008 meeting minutes. John Ashley introduced a motion to accept the minutes as written. Jeff Van Skike seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2007 Cases (old cases)

a. **Case 07-02 – Revisions to Asphalt Concrete, Sections 321 and 710:** Major re-writes of Asphalt Concrete placement and materials Sections 321 and 710 as proposed by the Asphalt Paving Technical Committee (APTC). Discussion by the committee on revised Section 321 included protection of tack coat and windrow hot mix, rejection of improperly stored hot mix, and rejection of out of compliance mixes in transit. Bob Herz and Gordon Haws stated that each will provide additional comments for the next meeting. Members were requested to continue reviewing proposed revisions to Sections 321 and 710 and return with comments for the next meeting.

b. **Case 07-03A – PVC Catch Basins, Proposed New Details 535-2, 535-3, 537-2 & 539-2. Case 07-03B – Inlet Structures, Proposed New Details 542-1 through 4 & 543-1 through 5:** Details to allow the use of PVC catch basins and inlet structures. Bob Herz handed out written comments on the case. Members were requested to continue reviewing the new details and provide any additional comments at the next meeting.

c. **Case 07-08 – Revision to Section 615.2, Sewer Line Construction:** Provide water ponding tolerances inside sewer pipe. The case was withdrawn by the sponsor.

d. **Case 07-11 – Revision to Detail 370, Vertical Realignment of Water Mains:** Include an option for realignment of ductile iron mechanical joint. The case was withdrawn by the sponsor.

e. **Case 07-12 – Revision to Detail 404-2, Water & Sanitary Sewer Separation/Protection:** Adding language to clarify the location of pipe and joint restraints to insure that fittings/couplings do not fail and create cross-contamination. The case was withdrawn by the sponsor.

4. 2008 Cases (new cases)

a. **Case 08-01 – Revisions to Borrow Excavation, Section 210:** Defining acceptance criteria for import borrow material. Bob Herz moved to vote on the case as presented in the 6-5-08 revision. Jim Badowich seconded the motion. A vote of 11 yes, 0 no, 0 abstention and 4 not present was recorded.

b. **Case 08-02 – New Section 317, Asphalt Milling:** Construction requirements for milling existing asphalt concrete. Bob Herz moved to vote on the case as presented in the 5-8-08 revision. Gordon Haws seconded the motion. A vote of 11 yes, 0 no, 0 abstention and 4 not present was recorded.

c. **Case 08-03 – New Section 325, Asphalt – Rubber Concrete Overlay, Gap Graded:** Material and construction requirements for gap-graded asphalt-rubber concrete used as an asphalt pavement. The committee provided comments on the new section including eliminating the 2-inch overlay mix. Bob Herz will prepare revisions for the next meeting based on the discussion and other comments received. Members were requested to continue reviewing the new section and provide any additional comments at the next meeting.

d. **Case 08-05 – Revisions to Safety Post Detail 140:** A revision to incorporate multiple agency safety post designs and include hazard marker requirements with the existing safety post detail. Peter Kandarlis noted that the function of the through drill hole for removable bollards is to assist in lifting. Warren will prepare revised details for the next meeting based on comments received. Members were requested to be prepared to vote on this case at the next meeting.

e. **Case 08-06 – Modification to Storm Drain Construction, Section 618.3:** Additions to include leakage test procedures for HDPE storm drain pipes and require video inspection before final paving is allowed. Jeff Van Skike handed out revisions based on comments from the last meeting. He noted that his research indicates that the City of Phoenix only uses their specification to test HDPE storm drains, but no other pipe material types. The committee discussed the need for and application of leakage testing of storm drains. Because of improved installation materials, greater local experience of HDPE installation contractors, and the difficulty in quantifying test needs for bidding, the members determined that leakage testing is not required in the MAG document at this time. Jeff Van Skike will prepare a new revision for the next meeting that focuses on the video inspection aspects of the case.

f. **Case 08-07 – Modification to Measurements and Payment, Section 109:** Revisions to better define compensation with change orders. Gordon Haws provided a revision based on comments received to date. Members were requested to review the revised section and provide comments by the next meeting.

g. **Case 08-08 – Modification to Subgrade and Trench Compaction, Sections 301.3 and 601.4:** Revisions to modify subgrade compaction requirements and include tolerances for optimum moisture. Gordon Haws provided a revision based on comments received to date. Members were requested to review the revised section and provide comments by the next meeting.

h. **Case 08-10 – Modification to Trench Backfill and Pavement Replacement, Detail 200, Section 336 and Section 601:** Revisions to eliminate numerous agency trench backfill and pavement replacement supplemental details by combining the most common practices. The committee had no discussion on this item. Committee members were encouraged to review the proposal and return with comments for the next meeting.

i. **Case 08-11 – Revisions to Driveway Entrance Detail 250 and Section 340:** Changes to make sidewalk installations in driveway entrances ADA compliant. Bob Herz

provided revised details based on previous comments. Discussion by the committee included showing a minimum 3-foot sidewalk width dimension behind driveway ramps in the plan view of Detail 250-2 and the potential need for additional right-of-way to accommodate this change. Bob Herz will make changes per the discussion and requested members to be prepared to vote on this case at the next meeting.

j. **Case 08-12 – New Section 331, Microsealing, and Section 714, Microsurfacing Materials:** New sections for pavement microsurfacing materials and placement. Bob Herz handed out comments on the case. Jeff Van Skike will prepare revisions for the next meeting based on these and previous comments. Members were requested to continue reviewing the new sections and provide any additional comments at the next meeting.

k. **Case 08-13 – Modification to Manhole, Valve Box and Water Meter Box Adjustments, Section 345:** Revisions to require contractors be responsible for locating utilities during surface improvement projects to insure adjustments are performed. Jeff Van Skike handed out changes based on comments from the last meeting. After discussion, the committee agreed to change the last sentence of the proposal to read as follows: “These devices shall be referenced by the use of swing ties with appropriate supplemental survey data.” Jeff Van Skike moved to vote on the case as revised. Jesse Gonzalez seconded the motion. A vote of 11 yes, 0 no, 0 abstention and 4 not present was recorded.

l. **Case 08-14 – Revisions to Utility Pothole Repair Detail 212:** Revision to MAG Detail 212 to allow multiple backfill and asphalt concrete materials for repair of utility potholes. Jeff Van Skike handed out a revision based on comments from the last meeting. Committee members recommended including a note requiring vertical tack coated edges and leaving the bedding note as presently shown in the detail. Jeff Van Skike will prepare revisions based on these comments and requested that members be prepared to vote on this case at the next meeting.

m. **Case 08-15 – Revisions to Catch Basin Grate on Detail 535:** Bob Herz presented detail adjusting the size and location of grate end bars which reduces the maximum potential gap between grate and frame to prevent entrapment of bicycle tires. Because of the minor nature of the proposed change, Bob Herz moved to vote on the case as presented. Jesse Gonzalez seconded the motion. A vote of 10 yes, 1 no, 0 abstention and 4 not present was recorded.

n. **Case 08-16 – Revisions to Concrete Cut-Off Wall Detail 552:** Clarify requirements for concrete surfaced ford crossings. The committee had no discussion on this case. Members were requested to be prepared to vote on this case at the next meeting.

o. **Case 08-17 – Revisions to Residential Speed Hump Detail 210:** Remove contradictory language for speed bump height tolerance. Bob Herz handed out changes based on comments from the last meeting. After discussion, committee members recommended increasing the existing pavement removal width in Note 7B from 18 inches to 24 inches and to indicate that the dimensions in Section A-A are symmetrical on both

sides of the hump. Members were requested to be prepared to vote on this case at the next meeting.

5. General Discussion:

John Ashley announced that the concrete modernization subcommittee will next meet at 10:00 am on Friday, July 11th at the ARPA offices (916 W. Adams Street, Phoenix) and handed out a draft of some recent changes proposed by the subcommittee. He also stated that there will be a pervious concrete seminar on July 23rd from 1:30 to 3:00 pm at the City Goodyear (195 N. 145th Avenue, Room 101).

Jeff Benedict discussed an AGC/ARPA position letter recently sent to the committee discussing escalating costs of asphalt product construction materials. The letter suggests strategies that agencies can take to hold costs down and notes that ADOT is in the process of modifying their standards to allow a percentage of recycled asphalt pavement into new hot mixes. Pinal County Association of Governments has already taken similar action. He encouraged MAG agencies investigate this option for inclusion in their supplemental specifications during the near term and that the committee consider this change next year in the MAG standards.

6. Adjournment:

The meeting was adjourned at 3:52 p.m.